**Name of Work:** Improvements to roads and drains at SC/ST Area surrounding in ward No.3

**Pre Measurements**

**Measurement recorded on:**

| Item No | Description of Item | No | L | B1 | B2 | B (Avg) | D | Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification | | | | | | | | |
| | **For RCC Drain** | | | | | | | | |
| | **5th Main Road** | | | | | | | | |
| | **From Yelahanka Main road to 1st Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 6.70 | 1.10 | 1.10 | 1.10 | 0.90 | 6.63 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 8.60 | 1.10 | 1.10 | 1.10 | 0.90 | 8.51 | |
| | **From 1st Cross to 2nd Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 26.30 | 1.10 | 1.10 | 1.10 | 0.90 | 26.04 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 25.00 | 1.10 | 1.10 | 1.10 | 0.90 | 24.75 | |
| | **From 2nd to 3rd Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 9.20 | 1.10 | 1.10 | 1.10 | 0.90 | 9.11 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 14.00 | 1.10 | 1.10 | 1.10 | 0.90 | 13.86 | |
| | **From 3rd Cross to 4th Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 13.80 | 1.10 | 1.10 | 1.10 | 0.90 | 13.66 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 13.60 | 1.10 | 1.10 | 1.10 | 0.90 | 13.46 | |
| | **From 4th Cross to 5th Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 15.20 | 1.10 | 1.10 | 1.10 | 0.90 | 15.05 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 15.80 | 1.10 | 1.10 | 1.10 | 0.90 | 15.64 | |
| | **From 5th Cross to 6th Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 17.20 | 1.10 | 1.10 | 1.10 | 0.90 | 17.03 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 16.60 | 1.10 | 1.10 | 1.10 | 0.90 | 16.43 | |
| | **6th Main Road** | | | | | | | | |
| | **From 5th Cross to 4th Cross** | | | | | | | | |
| | RHS | 1 | 22.00 | 1.10 | 1.10 | 1.10 | 0.90 | 21.78 | |
| | **From 4th Cross to 3rd Cross** | | | | | | | | |
| | LHS | 1 | 28.00 | 1.10 | 1.10 | 1.10 | 0.90 | 27.72 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 6.40 | 1.10 | 1.10 | 1.10 | 0.90 | 6.34 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |

**Name of Work:** Improvements to roads and drains at SC/ST Area surrounding in ward No.3

**Pre Measurements**

**Pre measurement recorded on:**

| Item No | Description of Item | No | L | B1 | B2 | B (Avg) | D | Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 15.40 | 1.10 | 1.10 | 1.10 | 0.90 | 15.25 | |
| | **From 3rd Cross to 2nd Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 12.20 | 1.10 | 1.10 | 1.10 | 0.90 | 12.08 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 13.80 | 1.10 | 1.10 | 1.10 | 0.90 | 13.66 | |
| | **From 2nd Cross to 1st Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 25.00 | 1.10 | 1.10 | 1.10 | 0.90 | 24.75 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 27.00 | 1.10 | 1.10 | 1.10 | 0.90 | 26.73 | |
| | **From 1st Cross to yelahanka main road** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 6.00 | 1.10 | 1.10 | 1.10 | 0.90 | 5.94 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.90 | 29.70 | |
| | | 1 | 6.00 | 1.10 | 1.10 | 1.10 | 0.90 | 5.94 | |
| | **For RCC Culvert** | | | | | | | | |
| a | **At 4th Cross to 6th Main Road** | | | | | | | | |
| | Culvert-1 | 1 | 4.30 | 1.80 | 1.80 | 1.80 | 0.90 | 6.97 | |
| b | **At 3rd Cross to 6th Main Road** | | | | | | | | |
| | Culvert-2 | 1 | 4.30 | 1.80 | 1.80 | 1.80 | 0.90 | 6.97 | |
| c | **At 2nd Cross to 6th Main Road** | | | | | | | | |
| | Culvert-3 | 1 | 5.50 | 1.80 | 1.80 | 1.80 | 0.90 | 8.91 | |
| | | | | | | | **Present Qty =** | **1343.30** | **Cum** |
| | | | | | | | **Limited Qty=** | **1317.20** | **Cum** |

Assistant Engineer
Ward No.03

20/1/2021

Assistant Executive Engineer
Yelahanka Satellite Town Sub-Division

20/1/2021

**Name of Work:** Improvements to roads and drains at SC/ST Area surrounding in ward No.3

**Pre Measurements**

**Measurement recorded on:**

| Item No | Description of Item | No | L | B1 | B2 | B (Avg) | D | Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| 2 | Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. | | | | | | | | |
| | **For RCC Drain** | | | | | | | | |
| | **5th Main Road** | | | | | | | | |
| | **From Yelahanka Main road to 1st Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 6.70 | 1.10 | 1.10 | 1.10 | 0.15 | 1.11 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 8.60 | 1.10 | 1.10 | 1.10 | 0.15 | 1.42 | |
| | **From 1st Cross to 2nd Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 26.30 | 1.10 | 1.10 | 1.10 | 0.15 | 4.34 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 25.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.13 | |
| | **From 2nd to 3rd Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 9.20 | 1.10 | 1.10 | 1.10 | 0.15 | 1.52 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 14.00 | 1.10 | 1.10 | 1.10 | 0.15 | 2.31 | |
| | **From 3rd Cross to 4th Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 13.80 | 1.10 | 1.10 | 1.10 | 0.10 | 1.52 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 13.60 | 1.10 | 1.10 | 1.10 | 0.10 | 1.50 | |
| | **From 4th Cross to 5th Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 15.20 | 1.10 | 1.10 | 1.10 | 0.10 | 1.67 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 15.80 | 1.10 | 1.10 | 1.10 | 0.15 | 2.61 | |
| | **From 5th Cross to 6th Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 17.20 | 1.10 | 1.10 | 1.10 | 0.10 | 1.89 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 16.60 | 1.10 | 1.10 | 1.10 | 0.10 | 1.83 | |
| | **6th Main Road** | | | | | | | | |
| | **From 5th Cross to 4th Cross** | | | | | | | | |
| | RHS | 1 | 22.00 | 1.10 | 1.10 | 1.10 | 0.15 | 3.63 | |
| | **From 4th Cross to 3rd Cross** | | | | | | | | |
| | LHS | 1 | 28.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.62 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 6.40 | 1.10 | 1.10 | 1.10 | 0.15 | 1.06 | |

**Name of Work:** Improvements to roads and drains at SC/ST Area surrounding in ward No.3

**Pre Measurements**

**Measurement recorded on:**

| Item No | Description of Item | No | L | B1 | B2 | B (Avg) | D | Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 15.40 | 1.10 | 1.10 | 1.10 | 0.15 | 2.54 | |
| | **From 3rd Cross to 2nd Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 12.20 | 1.10 | 1.10 | 1.10 | 0.10 | 1.34 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 13.80 | 1.10 | 1.10 | 1.10 | 0.15 | 2.28 | |
| | **From 2nd Cross to 1st Cross** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 25.00 | 1.10 | 1.10 | 1.10 | 0.10 | 2.75 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 27.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.46 | |
| | **From 1st Cross to yelahanka main road** | | | | | | | | |
| | LHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 6.00 | 1.10 | 1.10 | 1.10 | 0.10 | 0.66 | |
| | RHS | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.15 | 4.95 | |
| | | 1 | 30.00 | 1.10 | 1.10 | 1.10 | 0.10 | 3.30 | |
| | | 1 | 6.00 | 1.10 | 1.10 | 1.10 | 0.10 | 0.66 | |
| | **For RCC Culvert** | | | | | | | | |
| a | **At 4th Cross to 6th Main Road** | | | | | | | | |
| | Culvert-1 | 1 | 4.30 | 1.80 | 1.80 | 1.80 | 0.15 | 1.16 | |
| b | **At 3rd Cross to 6th Main Road** | | | | | | | | |
| | Culvert-2 | 1 | 4.30 | 1.80 | 1.80 | 1.80 | 0.15 | 1.16 | |
| c | **At 2nd Cross to 6th Main Road** | | | | | | | | |
| | Culvert-3 | 1 | 5.50 | 1.80 | 1.80 | 1.80 | 0.15 | 1.49 | |
| | | | | | | | **Present Qty=** | **200.48** | **Cum** |
| | | | | | | | **Limited Qty=** | **197.58** | **Cum** |

Assistant Engineer
Ward No.03
27/1/2021

C&FC
Assistant Executive Engineer
Yelahanka Satellite Town Sub-Division
27/1/2021

**Name of Work:** Improvements to roads and drains at SC/ST Area surrounding in ward No.3

**Pre Measurements**

**Pre measurement recorded on:**

| Item No | Description of Item | No | No of Bars | Cutting Length of Bar | Total Length of Bar | Weight /m in Kgs | Total Wt of Kgs | Unit |
|---|---|---|---|---|---|---|---|---|
| 4 | Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as per specifications | | | | | | | |
| | **For RCC Drain** | | | | | | | |
| | **5th Main Road** | | | | | | | |
| | **From Yelahanka Main road to 1st Cross** | | | | | | | |
| 1 | **LHS** | | | | | | | |
| | **Total length of drain = 66.70 Mtr** | | | | | | | |
| | Main Bars 10mm dia@ 150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 446 | 2.10 | 936.60 | 0.62 | 580.69 | |
| | Distrubution Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 66.70 | 1200.60 | 0.62 | 744.37 | |
| 2 | **RHS** | | | | | | | |
| | **Total length of drain = 68.60 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 459 | 2.10 | 963.90 | 0.62 | 597.62 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 68.60 | 1234.80 | 0.62 | 765.58 | |
| | **From 1st Cross to 2nd Cross** | | | | | | | |
| 3 | **LHS** | | | | | | | |
| | **Total length of drain = 56.30 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 377 | 2.10 | 791.70 | 0.62 | 490.85 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 56.30 | 1013.40 | 0.62 | 628.31 | |
| 4 | **RHS** | | | | | | | |
| | **Total length of drain = 55.00 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 368 | 2.10 | 772.80 | 0.62 | 479.14 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 55.00 | 990.00 | 0.62 | [illegible] | |
| | **From 2nd to 3rd Cross** | | | | | | | |
| 5 | **LHS** | | | | | | | |
| | **Total length of drain = 69.20 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 468 | 2.10 | 972.30 | 0.62 | 602.83 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 69.20 | 1245.60 | 0.62 | 772.27 | |
| 6 | **RHS** | | | | | | | |
| | **Total length of drain = 74.00 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 495 | 2.10 | 1039.50 | 0.62 | 644.49 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ, ಬೆಂಗಳೂರು.
ಬೆಂಗಳೂರು-106

**Name of Work:** Improvements to roads and drains at SC/ST Area surrounding in ward No.3

**Pre Measurements**

**Pre measurement recorded on:**

| Item No | Description of Item | No | No of Bars | Cutting Length of Bar | Total Length of Bar | Weight /m in Kgs | Total Wt of Kgs | Unit |
|---|---|---|---|---|---|---|---|---|
| | 0.62kg/mtr | 1 | 18 | 74.00 | 1332.00 | 0.62 | 825.84 | |
| | **From 3rd Cross to 4th Cross** | | | | | | | |
| 7 | **LHS** | | | | | | | |
| | **Total length of drain = 73.80 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 493 | 2.10 | 1035.30 | 0.62 | 641.89 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 73.80 | 1328.40 | 0.62 | 823.61 | |
| | **RHS** | | | | | | | |
| | **Total length of drain = 73.60 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 492 | 2.10 | 1033.20 | 0.62 | 640.58 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 73.60 | 1324.80 | 0.62 | 821.38 | |
| | **From 4th Cross to 5th Cross** | | | | | | | |
| 7 | **LHS** | | | | | | | |
| | **Total length of drain = 45.20 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 303 | 2.20 | 666.60 | 0.62 | 413.29 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 20 | 45.20 | 904.00 | 0.62 | 560.48 | |
| 8 | **RHS** | | | | | | | |
| | **Total length of drain = 45.80 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 307 | 2.10 | 644.70 | 0.62 | 399.71 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 45.80 | 824.40 | 0.62 | 511.13 | |
| | **From 5th Cross to 6th Cross** | | | | | | | |
| 9 | **LHS** | | | | | | | |
| | **Total length of drain = 77.20 Mtr** | | | | | | | |
| | Main Bars 10mm dia@150mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 516 | 2.10 | 1083.60 | 0.62 | 671.83 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 77.20 | 1389.60 | 0.62 | 861.55 | |
| 10 | **RHS** | | | | | | | |
| | **Total length of drain = 76.60 Mtr** | | | | | | | |
| | Main Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 614 | 2.10 | 1289.40 | 0.62 | 799.43 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 76.60 | 1378.80 | 0.62 | 854.86 | |
| | **6th Main Road** | | | | | | | |
| 11 | **From 5th Cross to 4th Cross** | | | | | | | |
| | **RHS** | | | | | | | |
| | **Total length of drain = 22.00 Mtr** | | | | | | | |
| | Main Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 177 | 2.10 | 371.70 | 0.62 | 230.45 | |

ಸರ್ಕಾರಿ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮಲಪನಹಳ್ಳಿ ಮಹಾನಗರ ಪಾಲಿಕೆ ಘಟಕ.
ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ. ಬೆಂಗಳೂರು-560040

**Name of Work:** Improvements to roads and drains at SC/ST Area surrounding in ward No.3

**Pre Measurements**

**Pre measurement recorded on:**

| Item No | Description of Item | No | No of Bars | Cutting Length of Bar | Total Length of Bar | Weight /m in Kgs | Total Wt of Kgs | Unit |
|---|---|---|---|---|---|---|---|---|
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 22.00 | 396.00 | 0.62 | 245.52 | |
| | **From 4th Cross to 3rd Cross** | | | | | | | |
| 12 | **LHS** | | | | | | | |
| | **Total length of drain = 64.40 Mtr** | | | | | | | |
| | Main Bars 10mm dia@ 125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 517 | 2.10 | 1085.70 | 0.62 | 673.13 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 64.40 | 1159.20 | 0.62 | 718.70 | |
| 13 | **RHS** | | | | | | | |
| | **Total length of drain = 75.40 Mtr** | | | | | | | |
| | Main Bars 10mm dia@ 125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 605 | 2.20 | 1331.00 | 0.62 | 825.22 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 19 | 75.40 | 1432.60 | 0.62 | 888.21 | |
| | **From 3rd Cross to 2nd Cross** | | | | | | | |
| 14 | **LHS** | | | | | | | |
| | **Total length of drain = 72.20 Mtr** | | | | | | | |
| | Main Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 579 | 2.20 | 1273.80 | 0.62 | 789.76 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 19 | 72.20 | 1371.80 | 0.62 | 850.52 | |
| 15 | **RHS** | | | | | | | |
| | **Total length of drain = 73.80 Mtr** | | | | | | | |
| | Main Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 592 | 2.10 | 1243.20 | 0.62 | 770.78 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 73.80 | 1328.40 | 0.62 | 823.61 | |
| | **From 2nd Cross to 1st Cross** | | | | | | | |
| 16 | **LHS** | | | | | | | |
| | **Total length of drain = 55.00 Mtr** | | | | | | | |
| | Main Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 441 | 2.20 | 970.20 | 0.62 | 601.52 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 19 | 55.00 | 1045.00 | 0.62 | 647.90 | |
| 17 | **RHS** | | | | | | | |
| | **Total length of drain = 57.00 Mtr** | | | | | | | |
| | Main Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 457 | 2.10 | 959.70 | 0.62 | 595.01 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 18 | 57.00 | 1026.00 | 0.62 | 636.12 | |
| | **From 1st Cross to yelahanka main road** | | | | | | | |
| 18 | **LHS** | | | | | | | |
| | **Total length of drain = 66.00 Mtr** | | | | | | | |
| | Main Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 529 | 2.20 | 1163.80 | 0.62 | 721.56 | |

**Name of Work:** Improvements to roads and drains at SC/ST Area surrounding in ward No.3

**Pre Measurements**

**Pre measurement recorded on:**

| Item No | Description of Item | No | No of Bars | Cutting Length of Bar | Total Length of Bar | Weight /m in Kgs | Total Wt of Kgs | Unit |
|---|---|---|---|---|---|---|---|---|
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 19 | 66.00 | 1254.00 | 0.62 | 777.48 | |
| 19 | **RHS** | | | | | | | |
| | **Total length of drain = 66.00 Mtr** | | | | | | | |
| | Main Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 529 | 2.15 | 1137.35 | 0.62 | 705.16 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 1 | 19 | 66.00 | 1254.00 | 0.62 | 777.48 | |
| a | **At 4th Cross to 6th Main Road** | | | | | | | |
| | **Total length of Culvert-2 = 4.30 Mtr** | | | | | | | |
| | Main Bars 12mm dia@125mm c/c | | | | | | | |
| | 0.89kg/mtr | 2 | 36 | 2.40 | 172.80 | 0.89 | 153.79 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 2 | 21 | 4.30 | 180.60 | 0.62 | 111.97 | |
| b | **At 3rd Cross to 6th Main Road** | | | | | | | |
| | **Total length of Culvert-2 = 4.30 Mtr** | | | | | | | |
| | Main Bars 12mm dia@125mm c/c | | | | | | | |
| | 0.89kg/mtr | 2 | 36 | 2.40 | 172.80 | 0.89 | 153.79 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 2 | 21 | 4.30 | 180.60 | 0.62 | 111.97 | |
| c | **At 2nd Cross to 6th Main Road** | | | | | | | |
| | **Total length of Culvert-3 = 5.50 Mtr** | | | | | | | |
| | Main Bars 12mm dia@125mm c/c | | | | | | | |
| | 0.89kg/mtr | 2 | 45 | 2.40 | 216.00 | 0.89 | 192.24 | |
| | Distrubution Bars 10mm dia@125mm c/c | | | | | | | |
| | 0.62kg/mtr | 2 | 21 | 5.50 | 231.00 | 0.62 | 143.22 | |
| | | | | | | | 28890.65 | Kgs |
| | | | | | | Present Qty= | 28.89 | Tonne |
| | | | | | | Limited Qty= | 28.35 | Tonne |

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ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-64

Assistant Engineer
Ward No.03 6/2/2021

Assistant Executive Engineer
Yelahanka Satellite Town Sub-Division